

Title (en)
Optimized minigenes and peptides encoded thereby

Title (de)
Optimierte Minigene und mit diesen kodierte Peptide

Title (fr)
Minigènes optimisés et peptides encodées associées

Publication
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Application
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Abstract (en)
[origin: EP1842549A2] This present invention relates to the field of biology. In particular, it relates to polyepitopic vaccines and methods of designing such vaccines to provide increased immunogenicity. In certain embodiments, the polyepitopic vaccines is encoded by a minigene that provides optimized immunogenicity of the construct.

IPC 8 full level
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Citation (search report)
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• [A] JOURNAL OF IMMUNOLOGY., vol. 149, no. 7, 1 October 1992 (1992-10-01), US THE WILLIAMS AND WILKINS CO. BALTIMORE., pages 2385 - 2390, XP002342945
• [A] JOURNAL OF VIROLOGY., vol. 71, no. 3, March 1997 (1997-03-01), US THE AMERICAN SOCIETY FOR MICROBIOLOGY., pages 2292 - 2302, XP002342946
• [A] JOURNAL OF IMMUNOLOGY., vol. 162, no. 7, 1 April 1999 (1999-04-01), US THE WILLIAMS AND WILKINS CO. BALTIMORE., pages 3915 - 3925, XP002342947
• [X] C C BERGMANN ET AL.: "Flanking residues alter antigenicity and immunogenicity of multi-unit CTL epitopes", JOURNAL OF IMMUNOLOGY., vol. 157, no. 8, October 1996 (1996-10-01), US THE WILLIAMS AND WILKINS CO. BALTIMORE., pages 3242 - 3249, XP002449227
• [X] S A THOMSON ET AL.: "Minimal epitopes expressed in a recombinant polyepitope protein are processed and presented to CD8+ cytotoxic T cells: implications for vaccine designs", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA., vol. 92, no. 13, June 1995 (1995-06-01), US NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC., pages 5845 - 5849, XP002449228

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